

# Ryan Maciel

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github.com/RyanMaciel

## Education

University of Rochester, pursuing  
Bachelors in Computer Science -  
2018-Present

Homeschooled through high school

- GPA: 3.84 UW, 4.14 W
- SAT: 1530 superscore
- Graduating with 7 AP credits

## TECHNOLOGY PROFICIENCY

Technology	Rating
Objective-C	●●●●●
General JS	●●●●●
Front End Design	●●●●●
React JS	●●●●○
Swift	●●●●○
C#	●●●○○

## EXPERIENCE

### University Of Rochester Chemistry Department – Web Developer

October 2018 – Current

- Maintained and developed a web site designed to provide practical information to organic chemists.
- Worked with professor to implement navigation systems and user interfaces to simplify user experience.

### RPS Group, Kingstown Rhode Island – Software Development Paid Intern

November 2013 – August 2018

- Worked on a wide range of user-facing technologies, including mobile and web app design.
- Developed an iOS application that displays information gathered from NOAA sensor buoys on an interactive map.
- Trained summer intern in web technologies.
- Learned several cutting edge technologies, such as React and Meteor.

### Token of Trust, Minneapolis Minnesota (Remote) – Software Development Paid Intern

June 2015 – September 2016

- Worked on Node-based Javascript backend service.
- Participated in weekly meetings to set periodic goals
- Created widget libraries for use in 3rd party iOS and Android Applications.

## ACTIVITIES

- Hosts online radio show through college radio club.
- Taught programming classes at an after-school program in inner city Providence, Rhode Island and to homeschooled students in Attleboro, Massachusetts.  
2015-2016
- Created an iOS app for the New England Carnivorous Plant Society (NECPS) – an organization working to conserve and spread awareness for carnivorous plants.
- Created an iOS App, Tsunami Alert, which uses NOAA buoy data to alert users of possible Tsunamis.
- Tutored programming skills to several clients through codementor.com  
2014-present.
- Presented the app at International Carnivorous Plant Show.

## AWARDS

- Congressional App Challenge - Submitted app created for RPS Group for consideration to the 2015 Congressional App Challenge and made first place for Rhode Island.
- National Merit Scholarship finalist